DAFTAR ISI

ABSTRAK .................................................................................................................. i
KATA PENGANTAR ............................................................................................... ii
UCAPAN TERIMA KASIH ...................................................................................... iii
DAFTAR ISI ........................................................................................................... vi
DAFTAR TABEL ....................................................................................................... viii
DAFTAR GAMBAR .................................................................................................. x
DAFTAR LAMPIRAN ................................................................................................ xi

BAB I PENDAHULUAN
A. Latar Belakang Masalah .................................................................................. 1
B. Rumusan Masalah ........................................................................................ 4
C. Pembatasan Masalah ...................................................................................... 5
D. Tujuan Penelitian ........................................................................................... 6
E. Manfaat Penelitian .......................................................................................... 6
F. Variabel Penelitian .......................................................................................... 6
G. Definisi Operasional ....................................................................................... 6

BAB II PEMBELAJARAN INQUIRY DENGAN READING INFUSION
DAN KETERKAITANNYA DENGAN KEMAMPUAN KOGNITIF DAN
KEMAMPUAN BERPIKIR LOGIS
A. Pembelajaran Inquiry ..................................................................................... 9
B. Reading Infusion ............................................................................................ 19
C. Kemampuan Kognitif .................................................................................... 26
D. Kemampuan Berpikir Logis .......................................................................... 29
E. Kaitan Pembelajaran Inquiry dan Reading Infusion dengan
   Kemampuan
   Kognitif ........................................................................................................... 34

BAB III METODE PENELITIAN
A. Metode Penelitian dan Desain Penelitian .................................................... 37
B. Populasi dan Sampel Penelitian .................................................................... 38
C. Instrumen .......................................................................................................... 39

Komalasari, 2013
Penerapan Pembelajaran Inquiry Dengan Reading Infusion Untuk Meningkatkan Kemampuan
Kognitif Dan Mengetahui Profil Kemampuan Berpikir Logis Siswa SMA
Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu
D. Alur Penelitian ........................................................................................................ 42
E. Teknik Analisis Uji Coba Instrumen Tes ............................................................... 42
F. Teknik Pengolahan Data .......................................................................................... 47
G. Analisis Hasil Uji Coba Instrumen Tes................................................................. 51

BAB IV HASIL PENELITIAN DAN PEMBAHASAN
A. Hasil Penelitian ...................................................................................................... 54
B. Pembahasan ........................................................................................................... 62

BAB V KESIMPULAN DAN SARAN
A. Kesimpulan ........................................................................................................... 72
B. Saran ....................................................................................................................... 73

DAFTAR PUSTAKA ...................................................................................................... 74

LAMPIRAN – LAMPIRAN
DAFTAR TABEL

Tabel 2.1 Hierarki Pembelajaran Sains Berorientasi Inquiry ................................. 11
Tabel 2.2 Level of Inquiry dan Primary Pedagogical Purpose ................................. 12
Tabel 2.3 Kriteria Pembaca Teks Sains yang Efektif dan Berhasil ............................. 24
Tabel 2.4 Membaca SQ3R pada Materi Pokok Gerak Lurus ................................ 25
Tabel 2.5 Keterkaitan Reading Infusion dengan Kemampuan Kognitif ............... 35
Tabel 2.6 Keterkaitan Pembelajaran Inquiry dengan Kemampuan Kognitif .......... 36
Tabel 3.1 Desain Penelitian One Group Pretest-Posttest Design ............................... 38
Tabel 3.2 Pola Persebaran Instrumen Kemampuan Kognitif tiap Aspek ............. 40
Tabel 3.3 Pola Persebaran Instrumen Kemampuan Berpikir Logis .................... 41
Tabel 3.4 Klasifikasi Validitas Butir Soal ............................................................. 45
Tabel 3.5 Interpretasi Koefisien Korelasi untuk Reliabilitas ................................. 46
Tabel 3.6 Interpretasi Daya Pembeda Butir Soal .................................................. 47
Tabel 3.7 Kategori Tingkat Kesukaran ................................................................. 48
Tabel 3.8 Klasifikasi Nilai Gain yang Dinormalisasi ........................................... 51
Tabel 3.9 Pedoman Skor Tes Kemampuan Berpikir Logis ................................. 51
Tabel 3.10 Kategori Tingkatan Kemampuan Berpikir Logis ................................. 52
Tabel 3.11 Tingkat Keberhasilan Keterlaksanaan ............................................ 53
Tabel 3.12 Analisis Validitas, Reliabilitas, Daya Pembeda, dan Tingkat Kesukaran ................................................................. 54
Tabel 4.1 Skor Tes Kognitif Siswa ................................................................. 56
Tabel 4.2 Skor Tes Kognitif Siswa tiap Aspek ................................................... 57
Tabel 4.3 Skor Rata-rata Kemampuan Berpikir Logis .......................................... 59
Tabel 4.4 Skor Rata-rata Kemampuan Berpikir Logis tiap Aspek .................. 60
Tabel 4.5 Rekapitulasi Hasil Observasi Keterlaksanaan Inquiry .................. 63
Tabel 4.6 Rekapitulasi Siswa tiap Kategori Kemampuan Berpikir Logis ........ 70
DAFTAR GAMBAR

Gambar 3.1 Bagan Alur Penelitian ................................................................. 43
Gambar 4.1 Diagram Skor Rata-rata Pretest-Posttest .................................... 57
Gambar 4.2 Skor Rata-rata Pretest-Posttest Tiap Aspek ................................. 58
Gambar 4.3 Skor Rata-rata Tiap Aspek Kemampuan Berpikir Logis ............... 60
Gambar 4.4 Persentase Keterlaksanaan Aktivitas Guru dan Siswa ............... 63
Gambar 4.5 Diagram Nilai Gain Ternormalisasi Aspek C2, C3, dan C4 .......... 67
Gambar 4.6 Persentase Kategori Kemampuan Berpikir Logis ...................... 71
### DAFTAR LAMPIRAN

Lampiran

A. Perangkat Pembelajaran ................................................................. 77
   A.1. Rencana Pelaksanaan Pembelajaran ........................................... 78
   A.2. Skenario Pembelajaran ............................................................ 80
   A.3. Lembar Kegiatan Siswa ............................................................. 91
   A.4. Artikel Bacaan (Modul) ............................................................ 99

B. Instrumen Penelitian ................................................................. 110
   B.1. Kisi-Kisi Instrumen Kemampuan Kognitif .................................. 111
   B.2. Kisi-Kisi Instrumen Kemampuan Berpikir Logis ............................. 122
   B.3. Instrumen Tes Kemampuan Kognitif .......................................... 132
   B.4. Instrumen Tes Kemampuan Berpikir Logis .................................... 139
   B.5. Lembar Jawaban Tes Kemampuan Kognitif .................................. 144
   B.6. Lembar Jawaban Tes Kemampuan Berpikir Logis ............................. 145
   B.7. Lembar Keterlaksanaan Pembelajaran Inquiry ................................. 146
   B.8. Lembar Keterlaksanaan Reading Infusion .................................... 148

C. Analisis Uji Coba ........................................................................ 150
   C.1. Analisis Instrumen Uji Coba ....................................................... 151
   C.2. Lembar Judgment Instrumen ...................................................... 154

D. Analisis Data Penelitian ............................................................. 158
   D.1. Distribusi Data Tes Kemampuan Kognitif ..................................... 159
   D.2. Distribusi Data Tes Kemampuan Berpikir Logis ............................... 164
   D.3. Rekapitulasi Hasil Observasi Aktivitas Guru dan Siswa ................. 166
   D.4. Rekapitulasi Hasil Observasi Reading Infusion ............................... 168

E. Dokumentasi Penelitian ............................................................ 171
   E.1. Foto-Foto Penelitian ................................................................. 172
   E.2. Dokumen Penelitian ................................................................. 173